

AMENDMENTS TO THE CLAIMS

Following is a complete set of claims as amended with this Response. This complete set of claims excludes cancelled claims 1-12, 18, and 20.

1-12. (Cancelled)

13. (Previously Presented) An implantable cardiac lead for transmitting electrical signals between an implantable medical device and selected body tissue in the heart, the lead comprising:

a lead body having a proximal end and a distal end, the proximal end of the lead body carrying a connector assembly connectable to the implantable medical device; and

at least one cardioverting and/or defibrillating coil electrode on the distal end of the lead body, the at least one cardioverting and/or defibrillating coil electrode being electrically connected to a terminal contact on the connector assembly, the at least one cardioverting and/or defibrillating coil electrode comprising a biocompatible, biostable, corrosion-resistant wire strand comprising (a) a core comprising a plurality of electrically conductive, low electrical resistance filaments embedded in an electrically conductive matrix and (b) a low electrical resistance, substantially chemically inactive cladding enclosing the core, the cladding being discrete from the matrix.

14. (Previously Cancelled)

15. (Previously Presented) The lead of claim 13 further comprising:
at least one pacing and/or sensing electrode.

16. (Previously Cancelled)

17. (Original) The lead of claim 13 in which:
the core of the wire strand is substantially devoid of interstices.

18. (Cancelled)

19. (Previously Presented) The lead of claim 13 in which:
the filaments are braided.

20. (Cancelled)